

FIG. 1
(Prior Art)

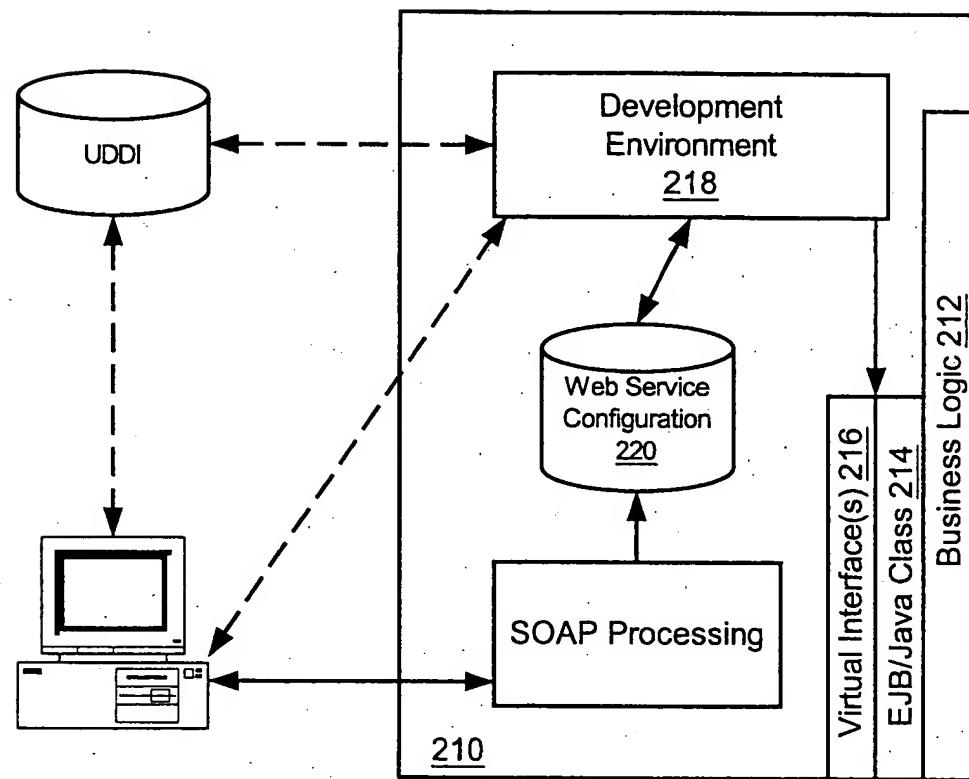


FIG. 2

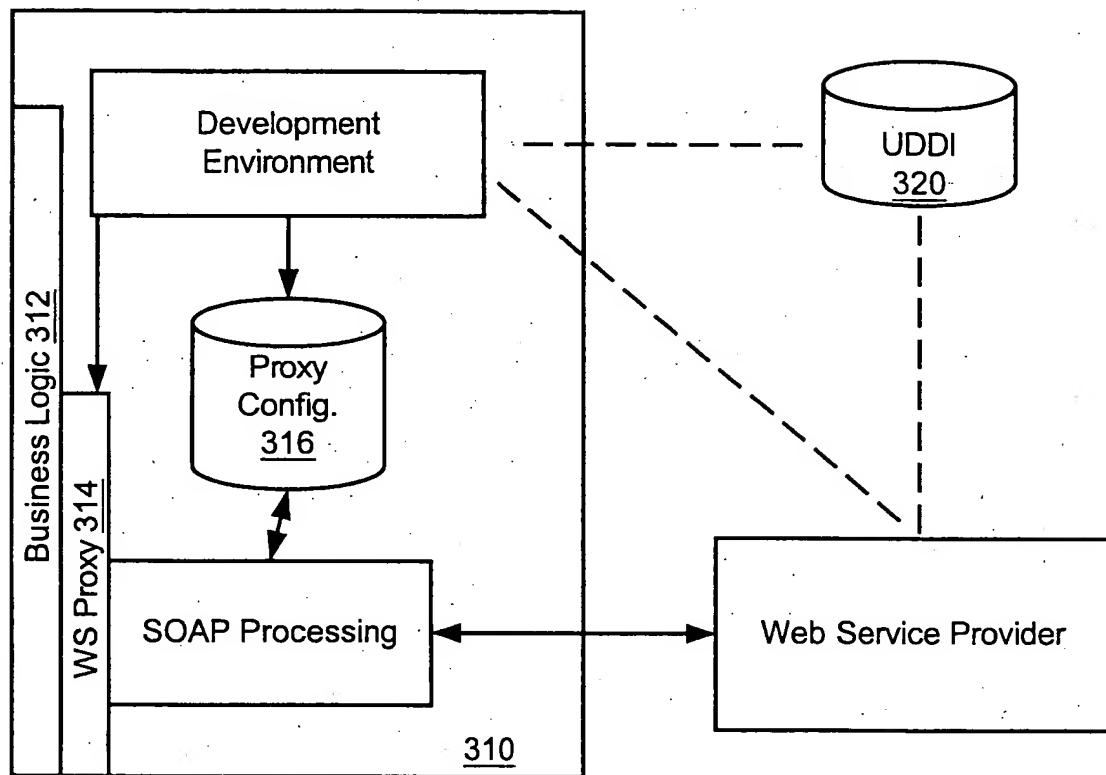


FIG. 3

FIG. 4

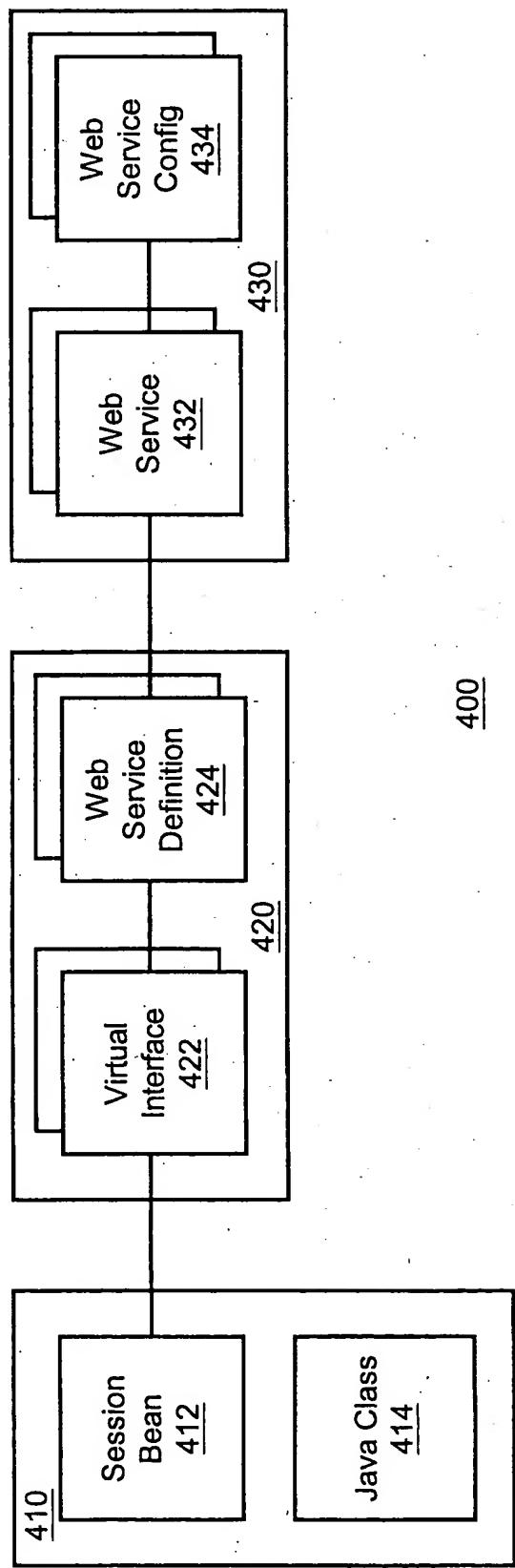


FIG. 5

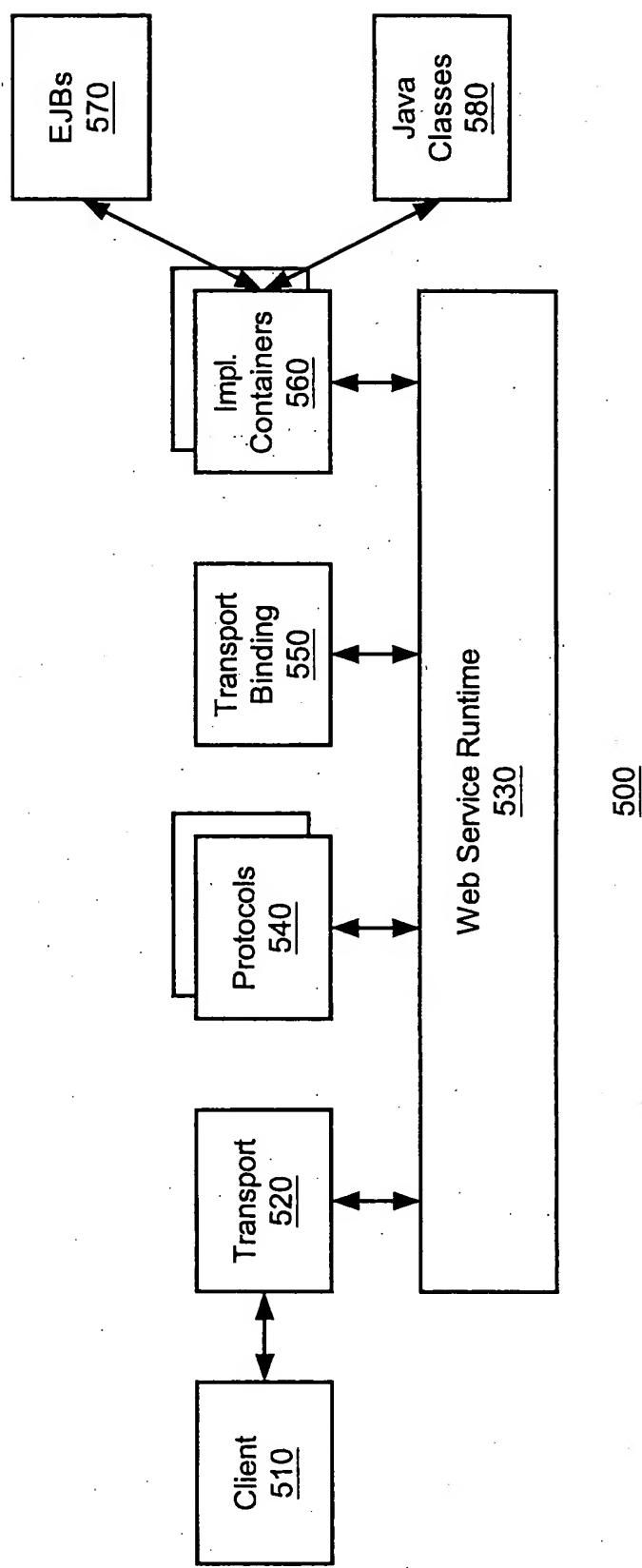
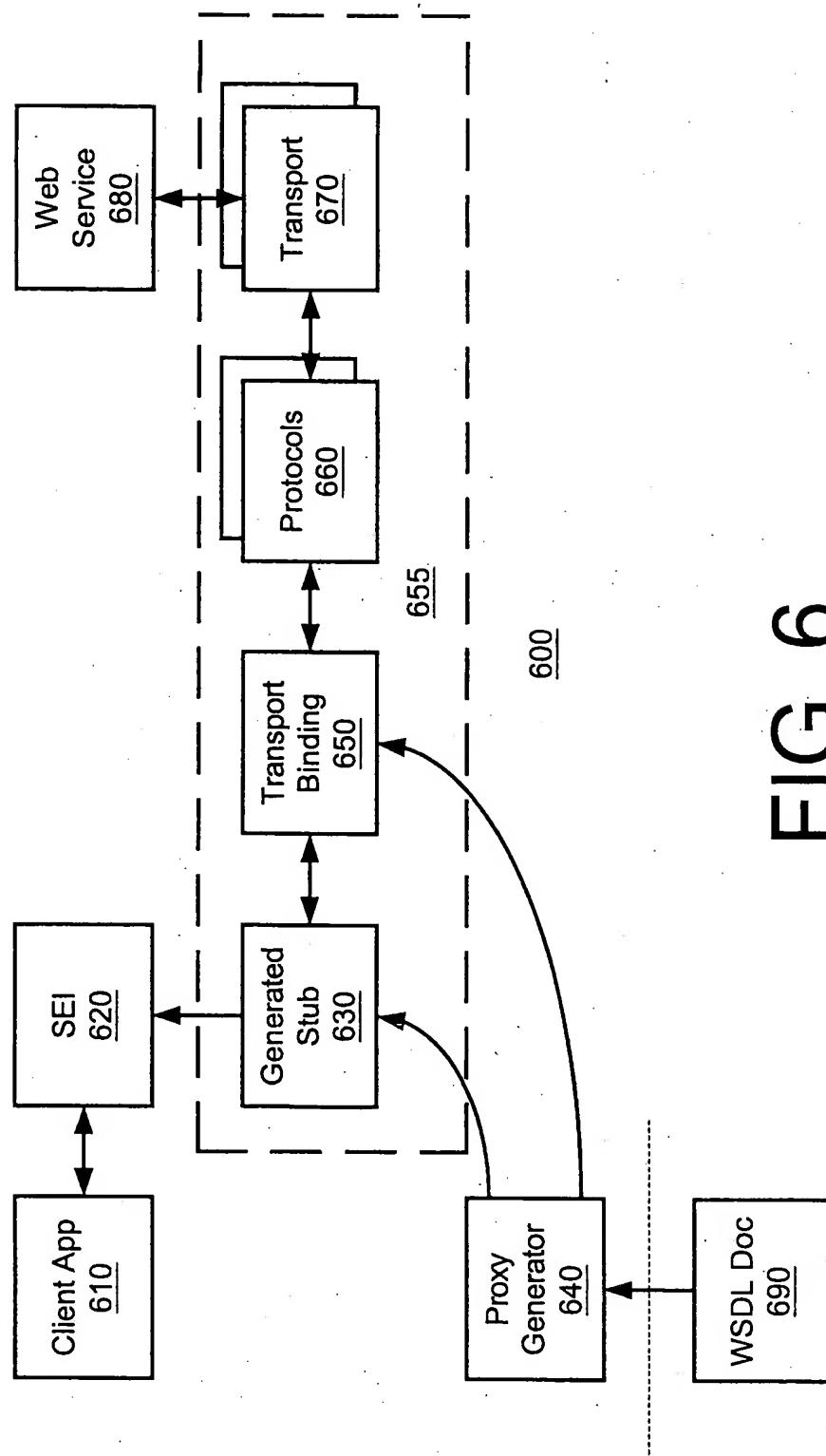


FIG. 6



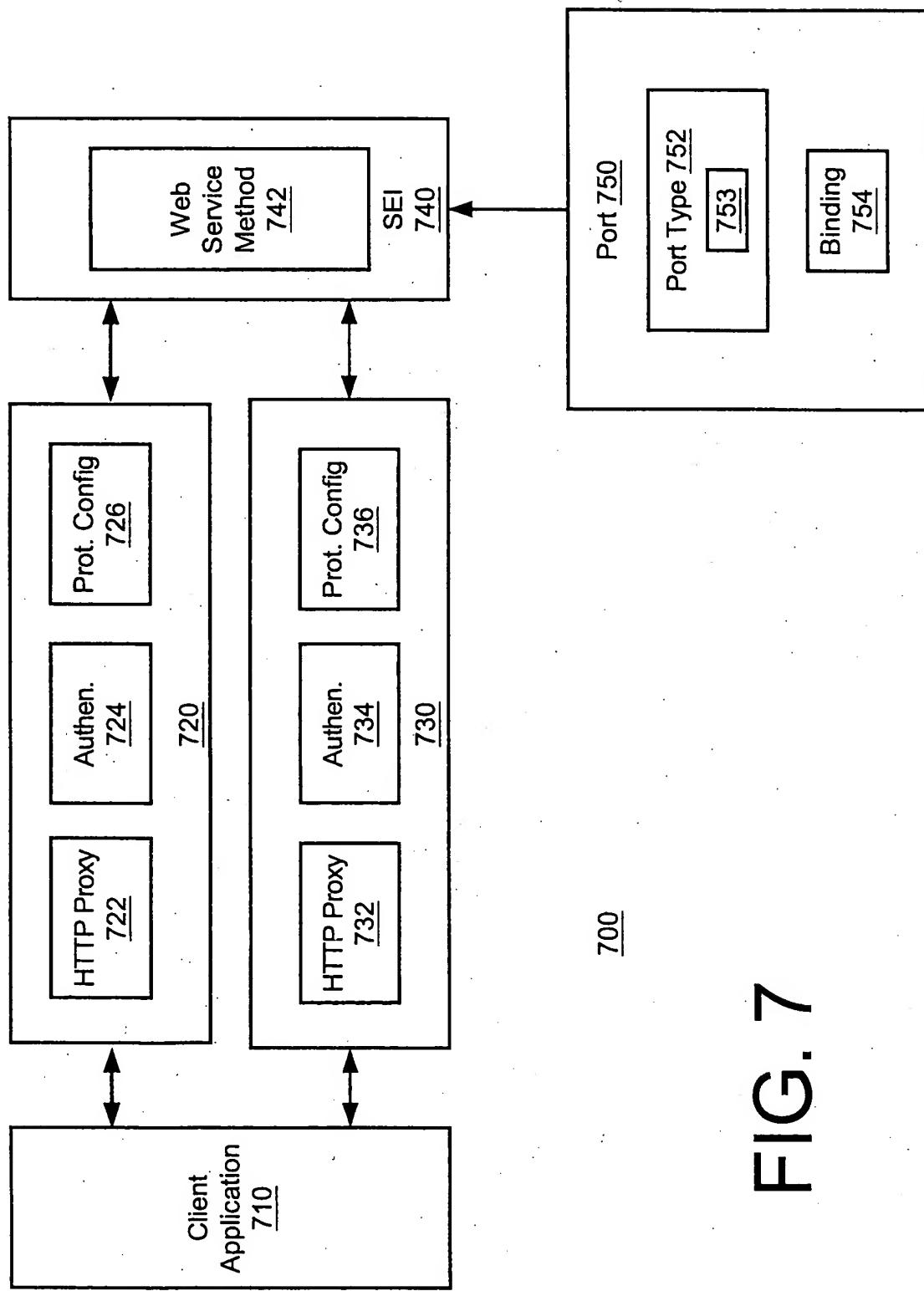


FIG. 7

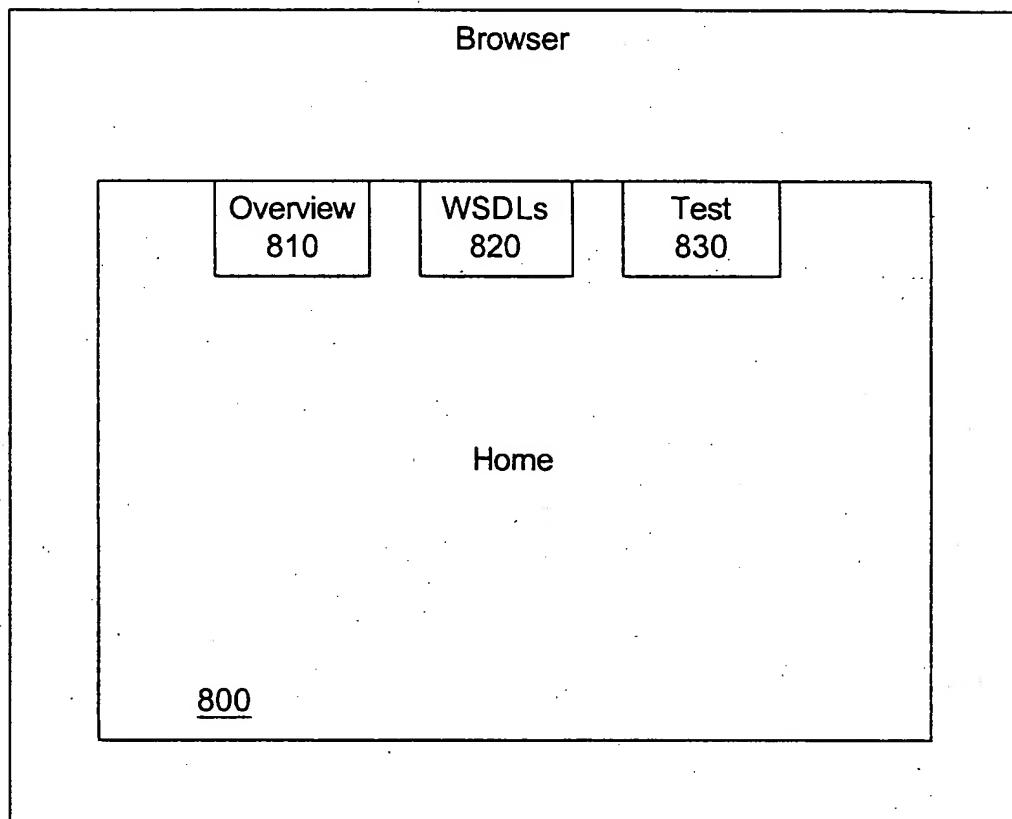


FIG. 8

FIG. 9

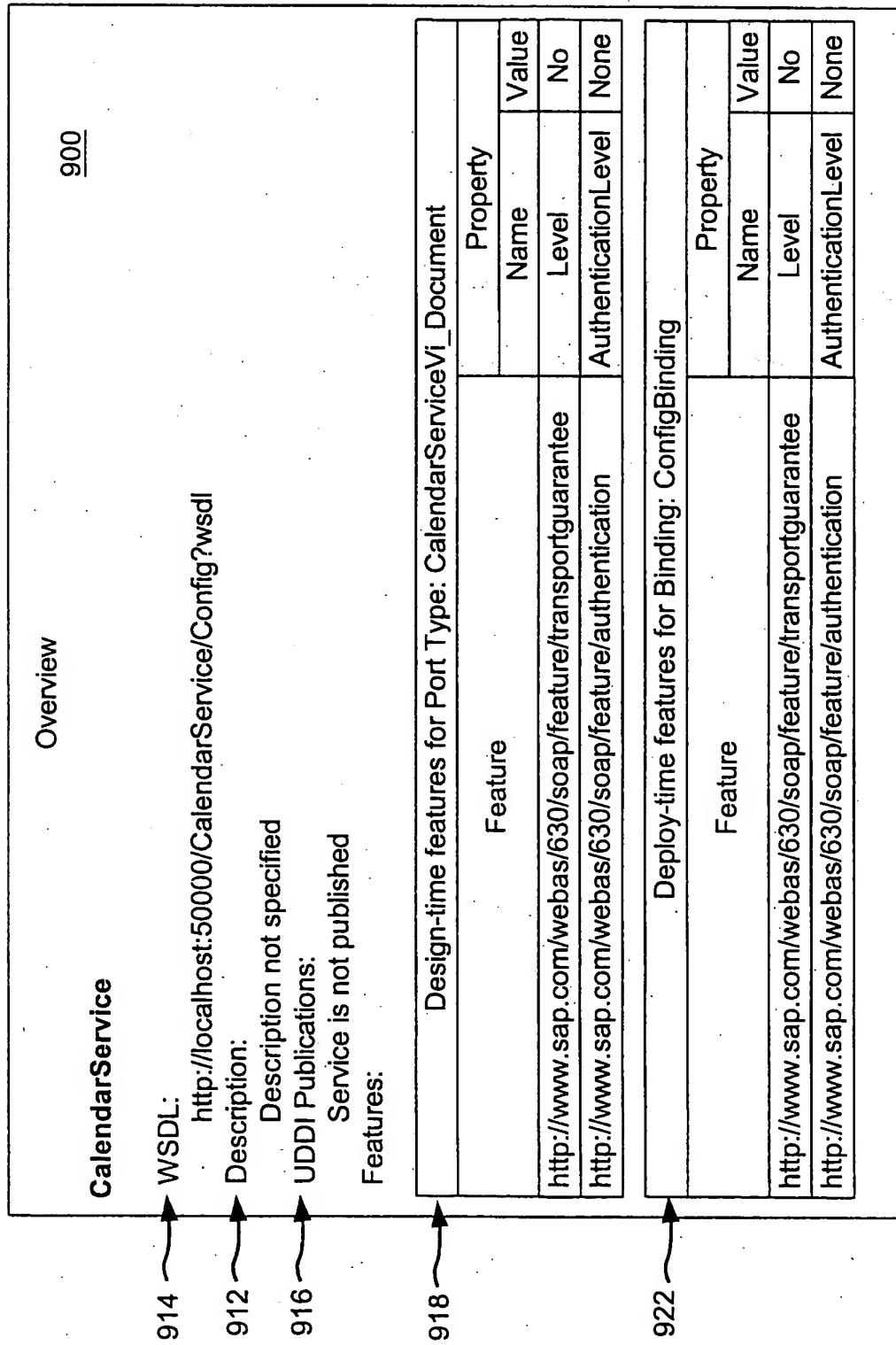


FIG. 11

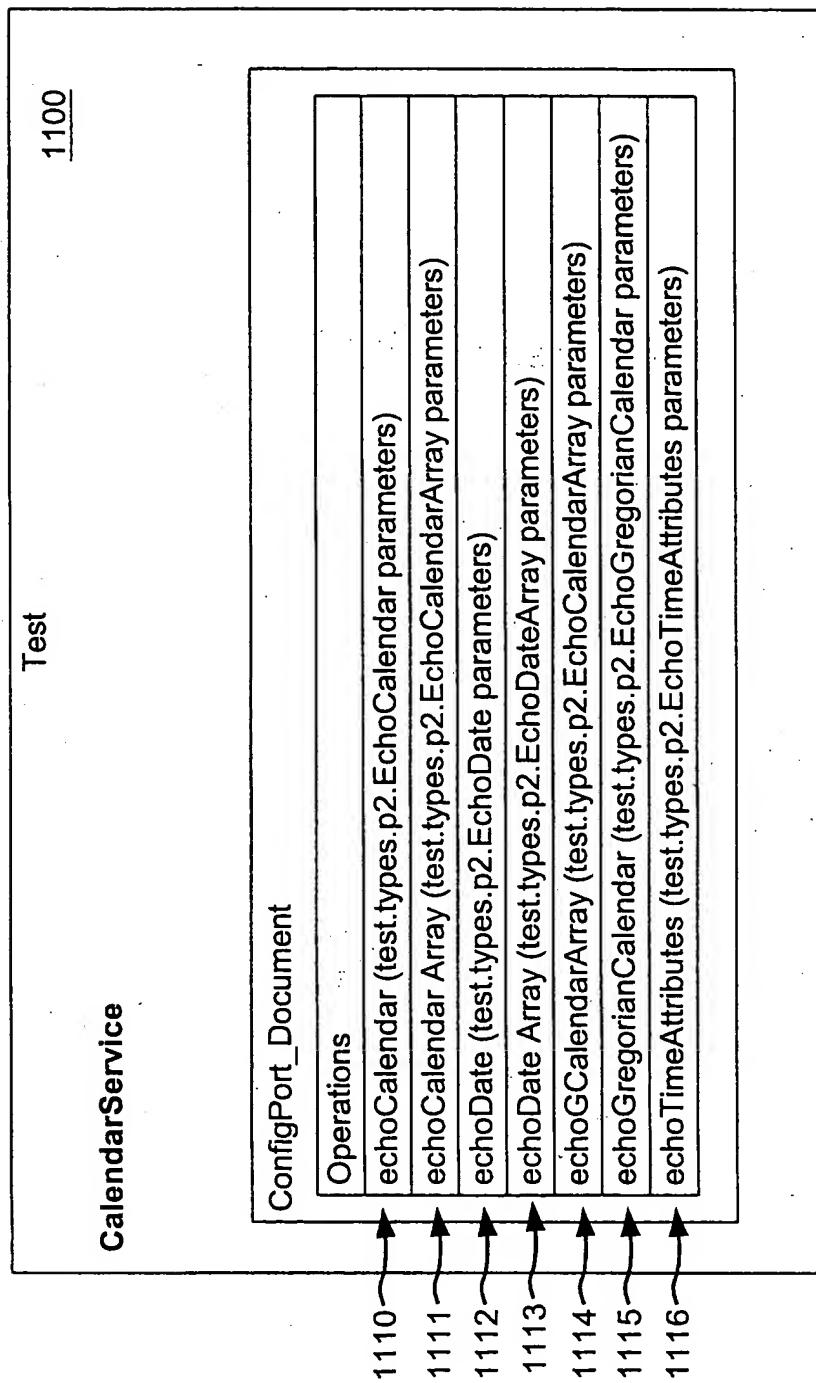


FIG. 12

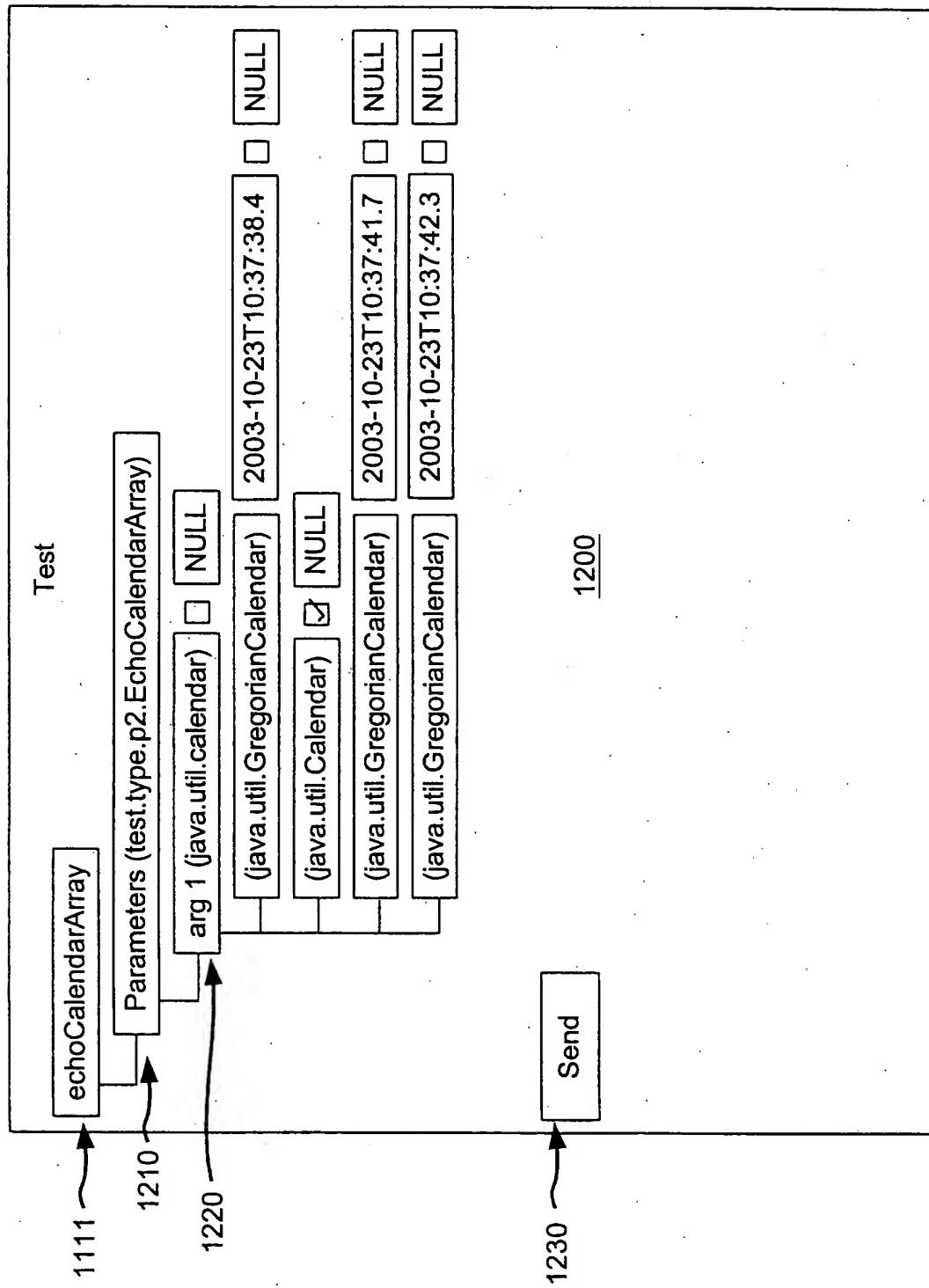
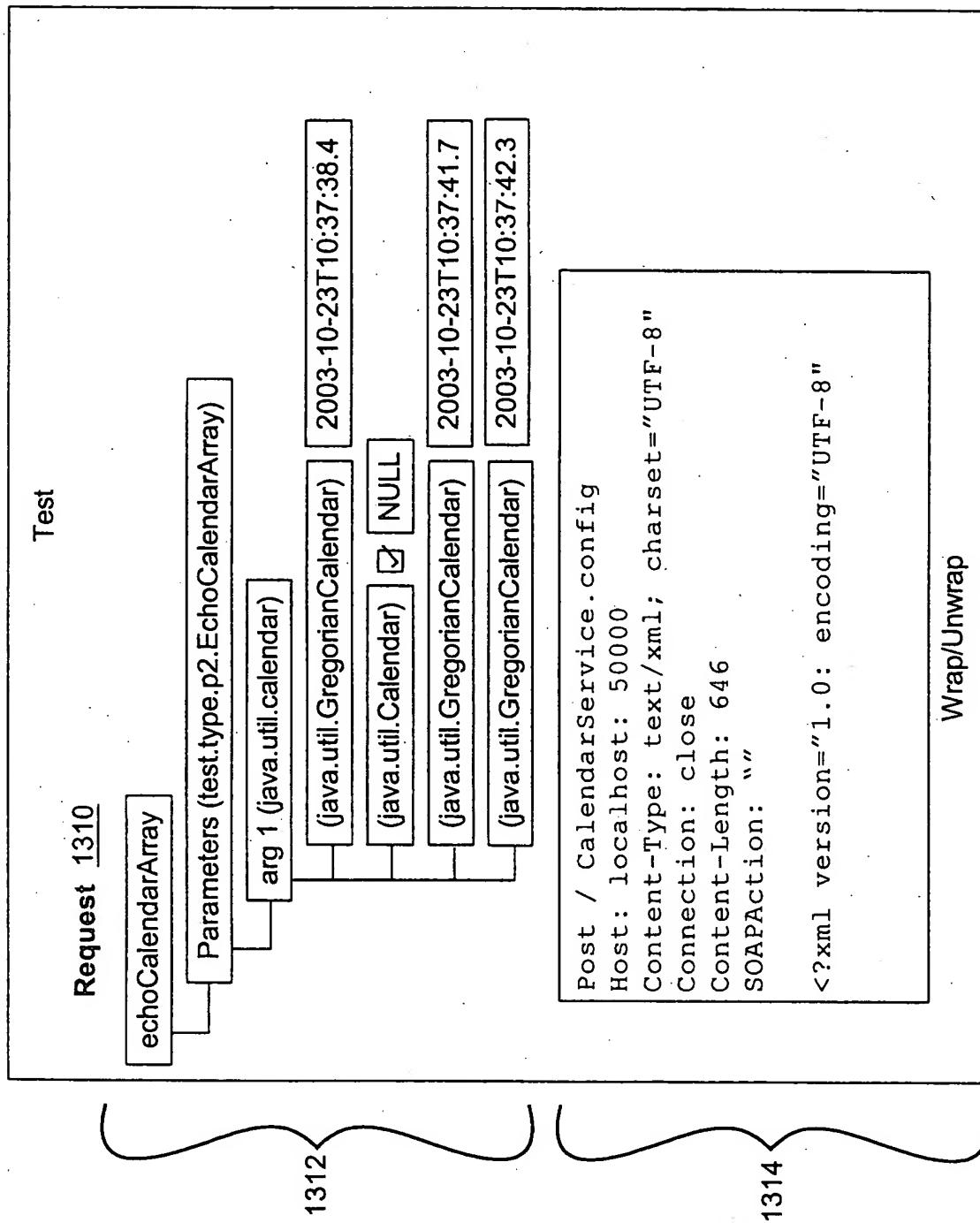


FIG. 13A



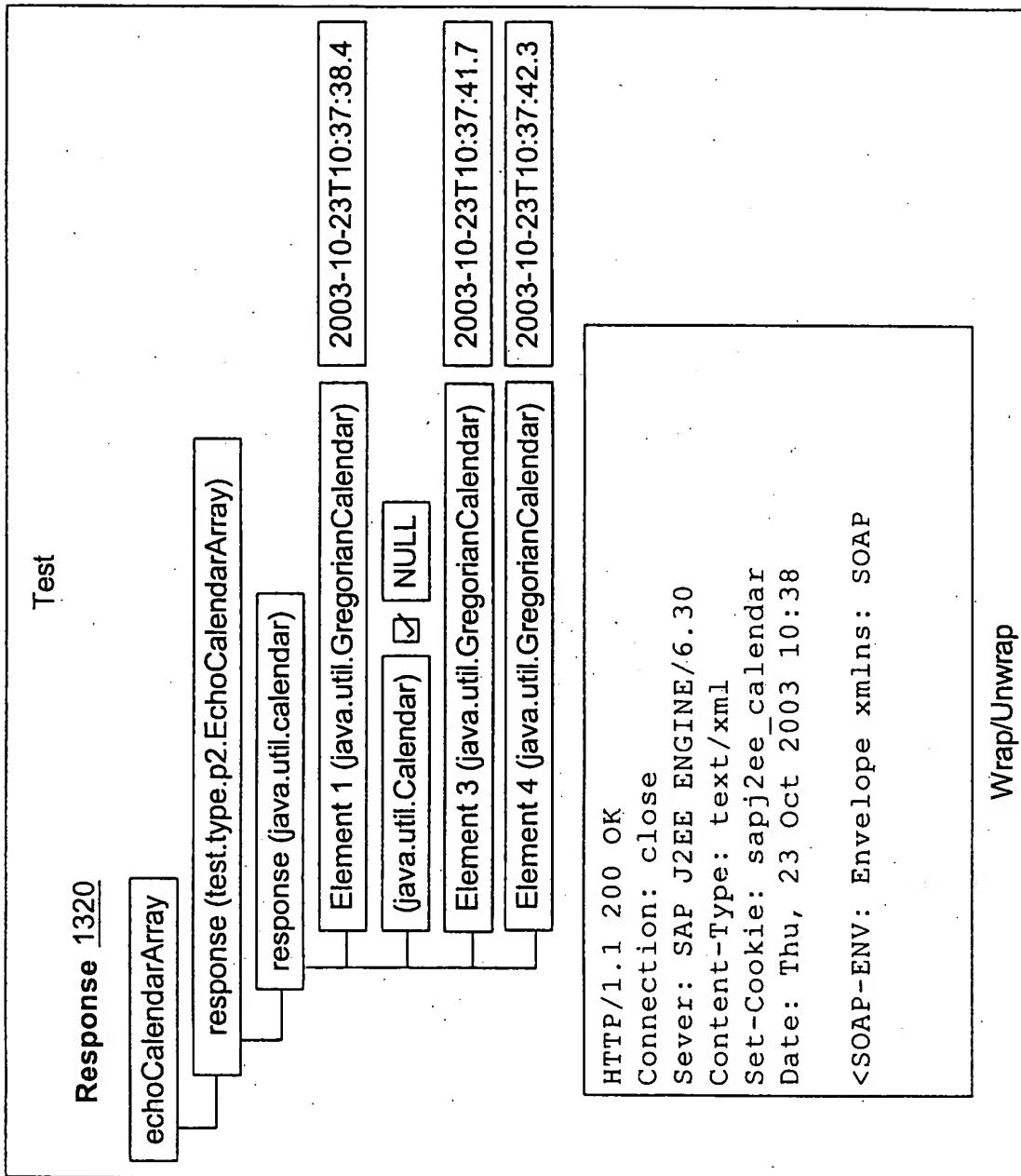


FIG. 13B

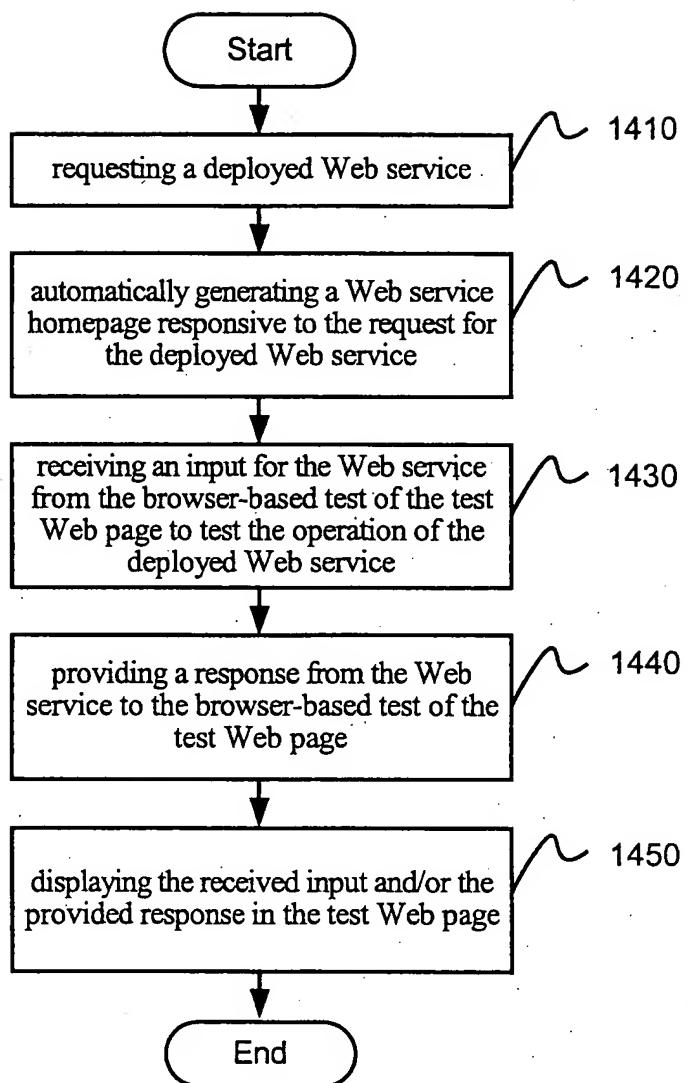


FIG. 14

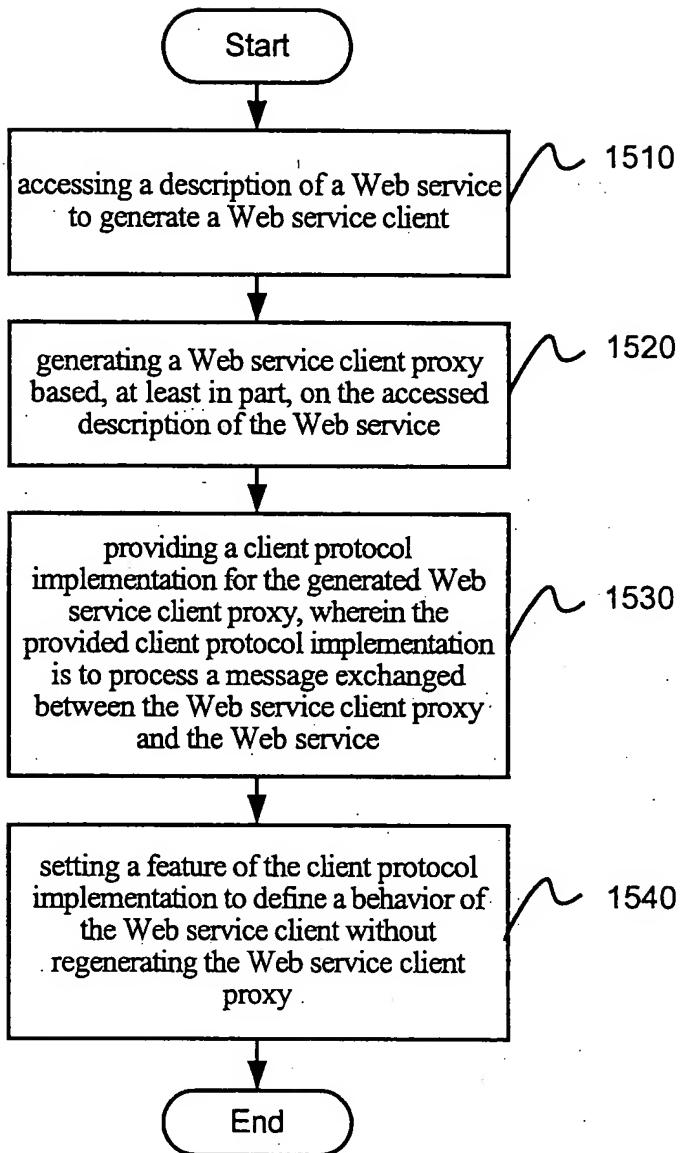


FIG. 15

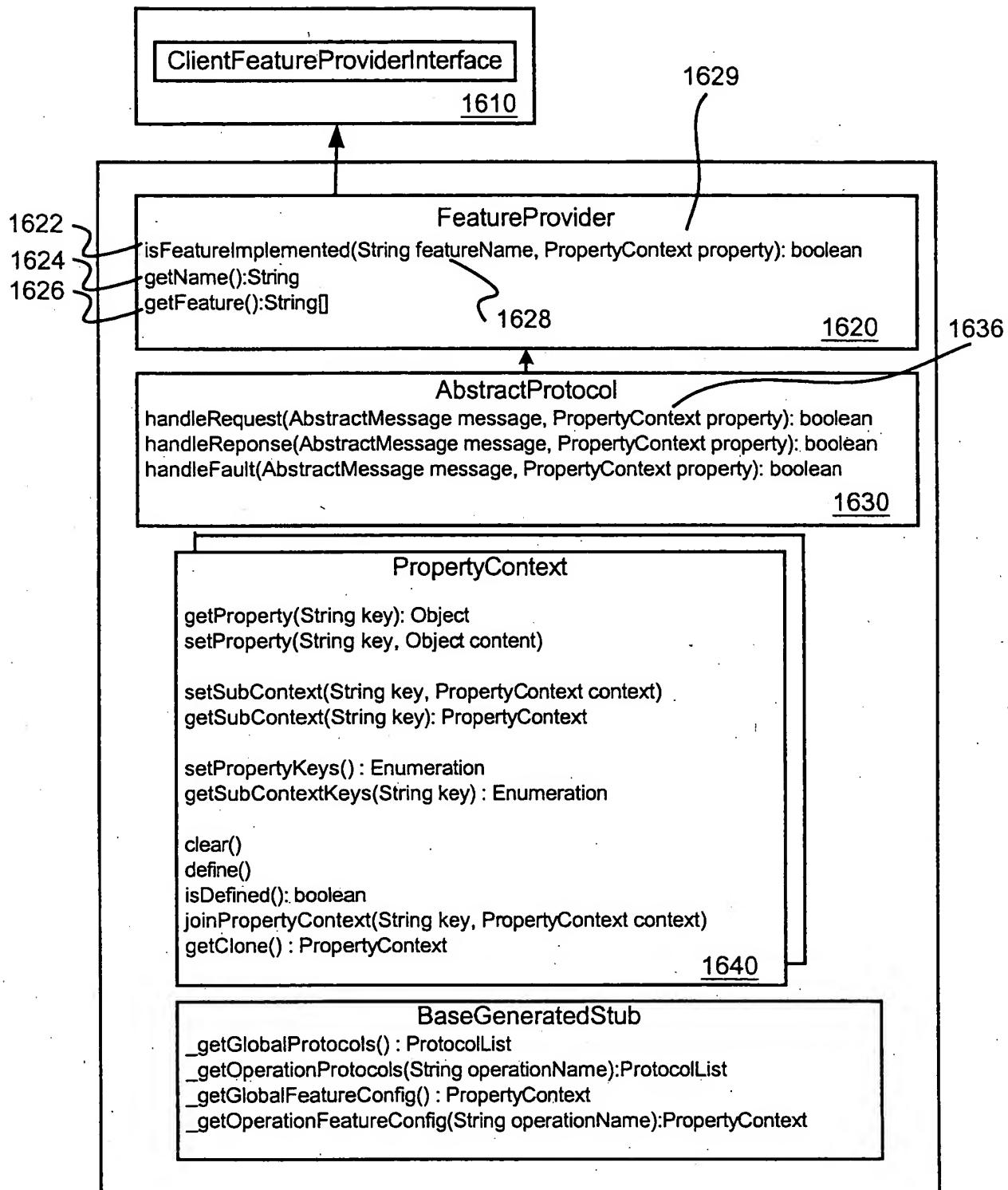


FIG. 16

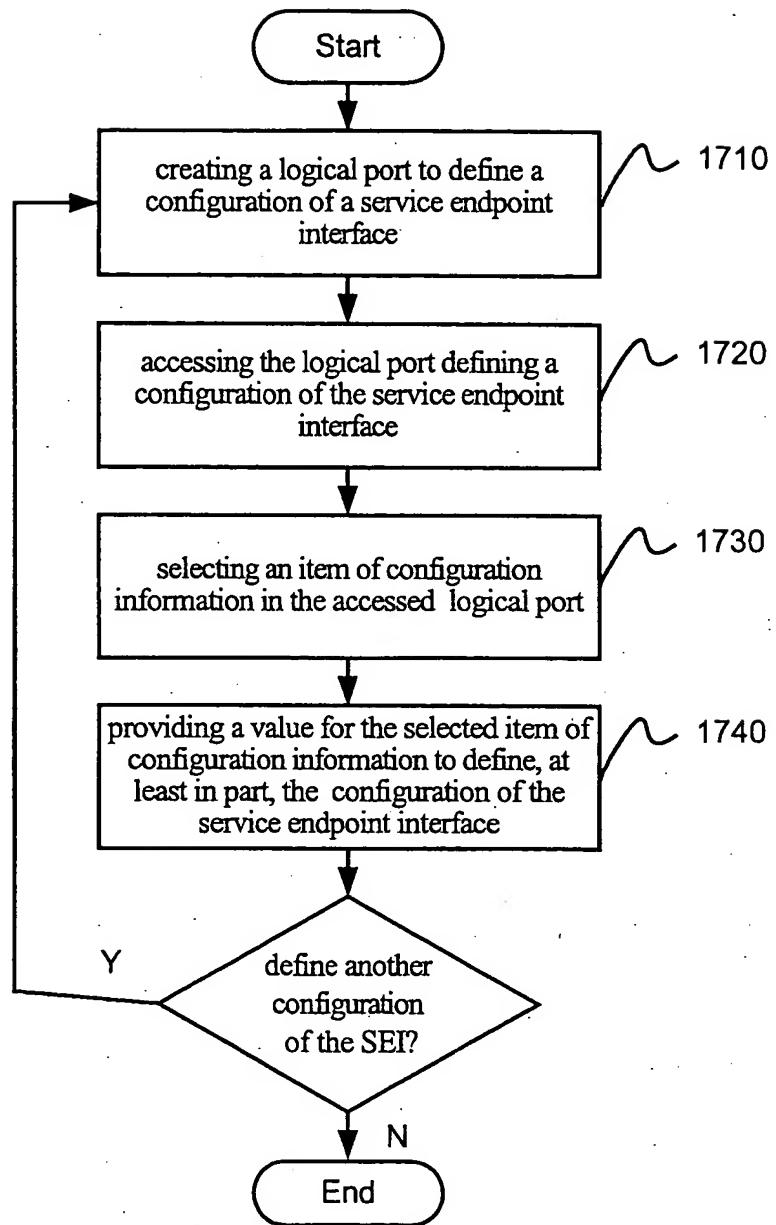


FIG. 17

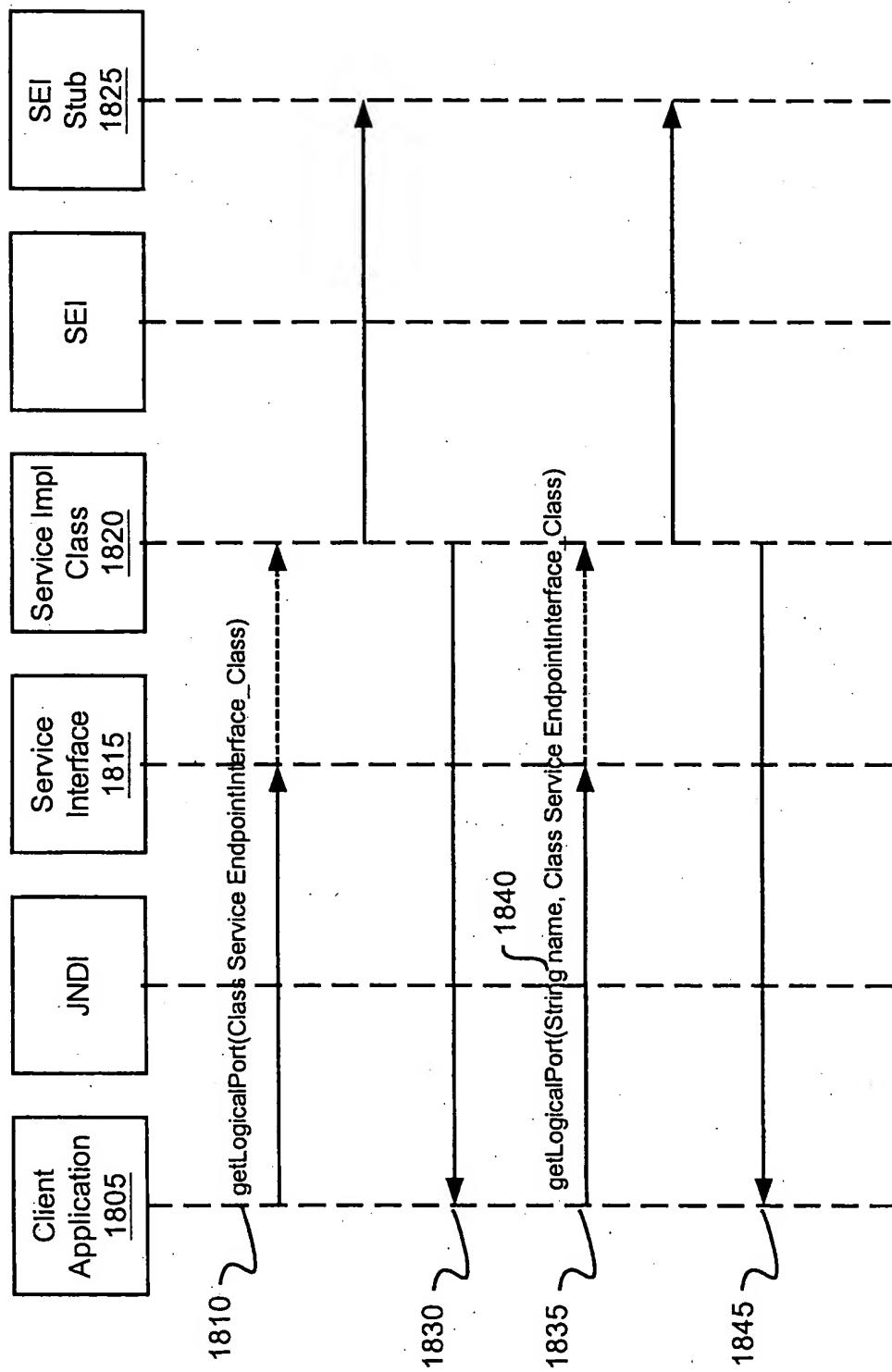


FIG. 18

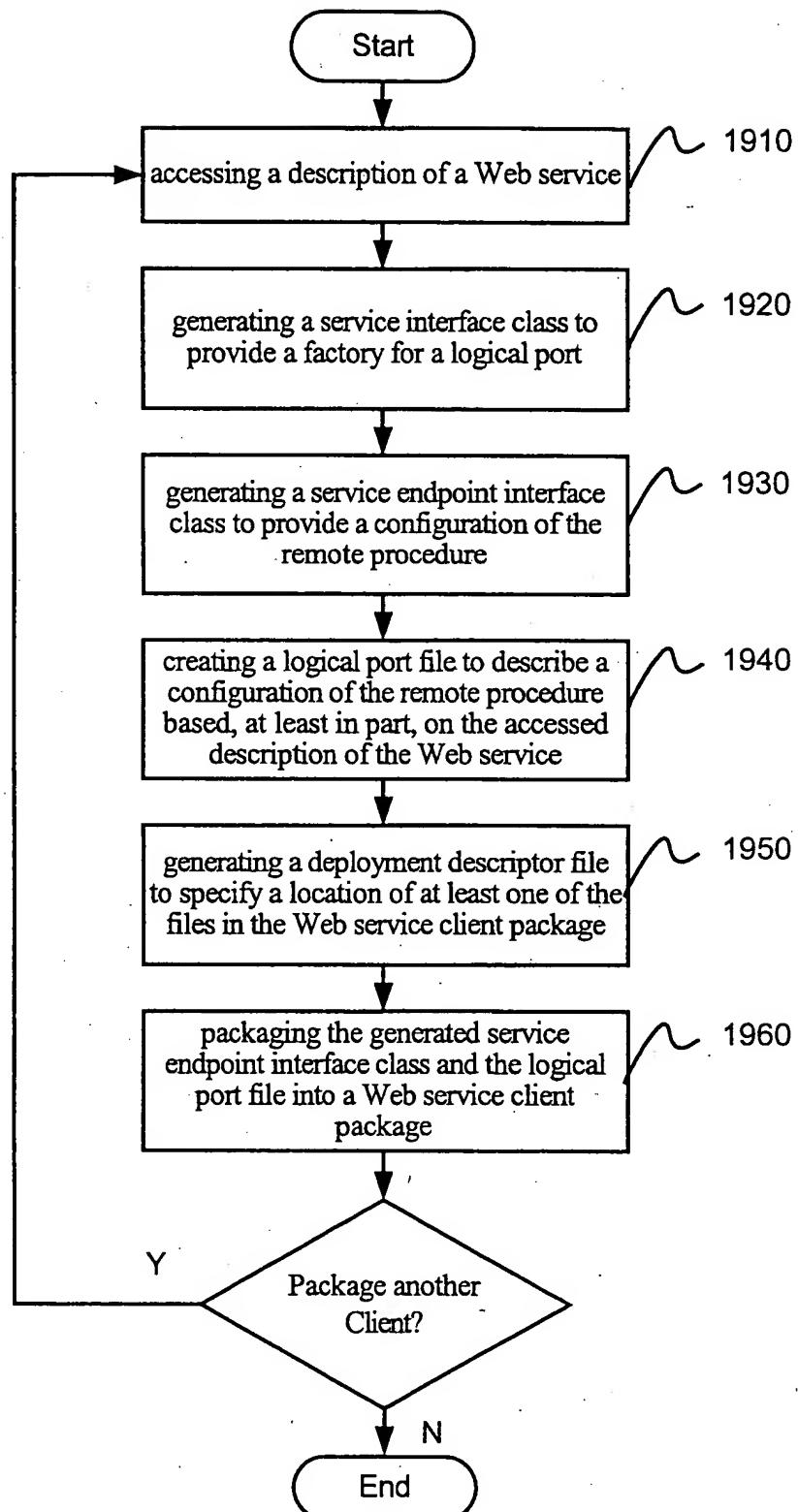


FIG. 19

```

//Source File Name: CalendarService.java

2010 } import com.sap.engine.services.webservices.jaxrpc.wsdl2java.ipapi.LogicalPortType;
        import java.rmi.Remote;
        import javax.xml.rpc.Service;
        import javax.xml.rpc.ServiceException;

        public interface CalendarService
            extends Service
        {

2020 }             public abstract CalendarServiceViDocument getLogicalPort(String s)
                    throws ServiceException;
                    public abstract CalendarServiceViDocument getLogicalPort()
                    throws ServiceException;

2030 }             public abstract Remote getLogicalPort(String s, Class class 1)
                    throws ServiceException;
                    public abstract Remote getLogicalPort(Class class 1)
                    throws ServiceException;

2040 → public abstract String[] getLogicalPortNames();
2050 → public abstract LogicalPortType getLogicalPortConfigurations(String s);
        }

2000

```

FIG. 20

```
//Source File Name: CalendarServiceViDocument.java

2110 { import java.rmi.Remote;
     import java.rmi.RemoteException;
     import java.util.Calendar;
     import javax.xml.rpc.Stub;
     import test.types.CalendarComplex;

     public interface CalendarServiceViDocument
         extends Remote, Stub
     {

2120     → public abstract Calendar echoCalendar(Calendar calendar)
           throws RemoteException;

2121     → public abstract Calendar[] echoCalendarArray(Calendar acalendar[])
           throws RemoteException;

2122     → public abstract Calendar echoDate(Calendar calendar)
           throws RemoteException;

2123     → public abstract Calendar[] echoDateArray(Calendar acalendar[])
           throws RemoteException;

2124     → public abstract Calendar[] echoGCalendarArray(Calendar acalendar[])
           throws RemoteException;

2125     → public abstract Calendar echoGregorianCalendar(Calendar calendar)
           throws RemoteException;

2126     → public abstract CalendarComplex echoTimeAttributes(CalendarComplex calendarcomplex)
           throws RemoteException;
    }
2100 }
```

FIG. 21

```
<?xml version="1.0" encoding="utf-8"?>  
2210-> <LogicalPorts Name='CalendarService'>  
2220->   <LogicalPort  
2231->     Name='CalendarServiceSoapPortrpc_enc'  
2232->     Endpoint='http://localhost:80/CalendarService/  
CalendarServiceSoap?style=rpc_enc'  
2233->     BindingName='CalendarServiceSoapBinding'  
2234->     BindingUri='CalendarServiceSoapBinding'  
2234->     BindingImplementation='SOAP 1.1 HTTP Binding with  
Attachments'  
2235->     StubName='Calendarservice.CalendarServiceSoapBinding_Stu  
b'  
2236->     Default='false'>  
           </LogicalPort>  
     </LogicalPorts>
```

2200

FIG. 22

```
<?xml version="1.0" encoding="utf-8"?>  
2310-> <nsl: ws-clients-deployment-descriptor version = "Ver. #> xmlns: nsl= "URI for  
the namespace">  
2320->   <service-ref>  
2331->     <service-ref-name>test.Test</service-ref-name>  
2332->     <service-interface>test.CalendarService</service-interface>  
2333->     <package-name>test</package-name>  
2334->     <wsdl-file>wsdlroot_1_1_0.wsdl</wsdl-file>  
2335->     <logical-ports-file>lports_1.xml</logical-ports-file>  
2336->     <uri-mapping-file>mappings_1_1.properties</uri-mapping-file>  
2337->     <package-mapping-file>package_mapping_1.properties</package-  
mapping-mapping-file>  
           </service-ref>  
     </nsl: ws-clients-deployment-descriptor>
```

2300

FIG. 23

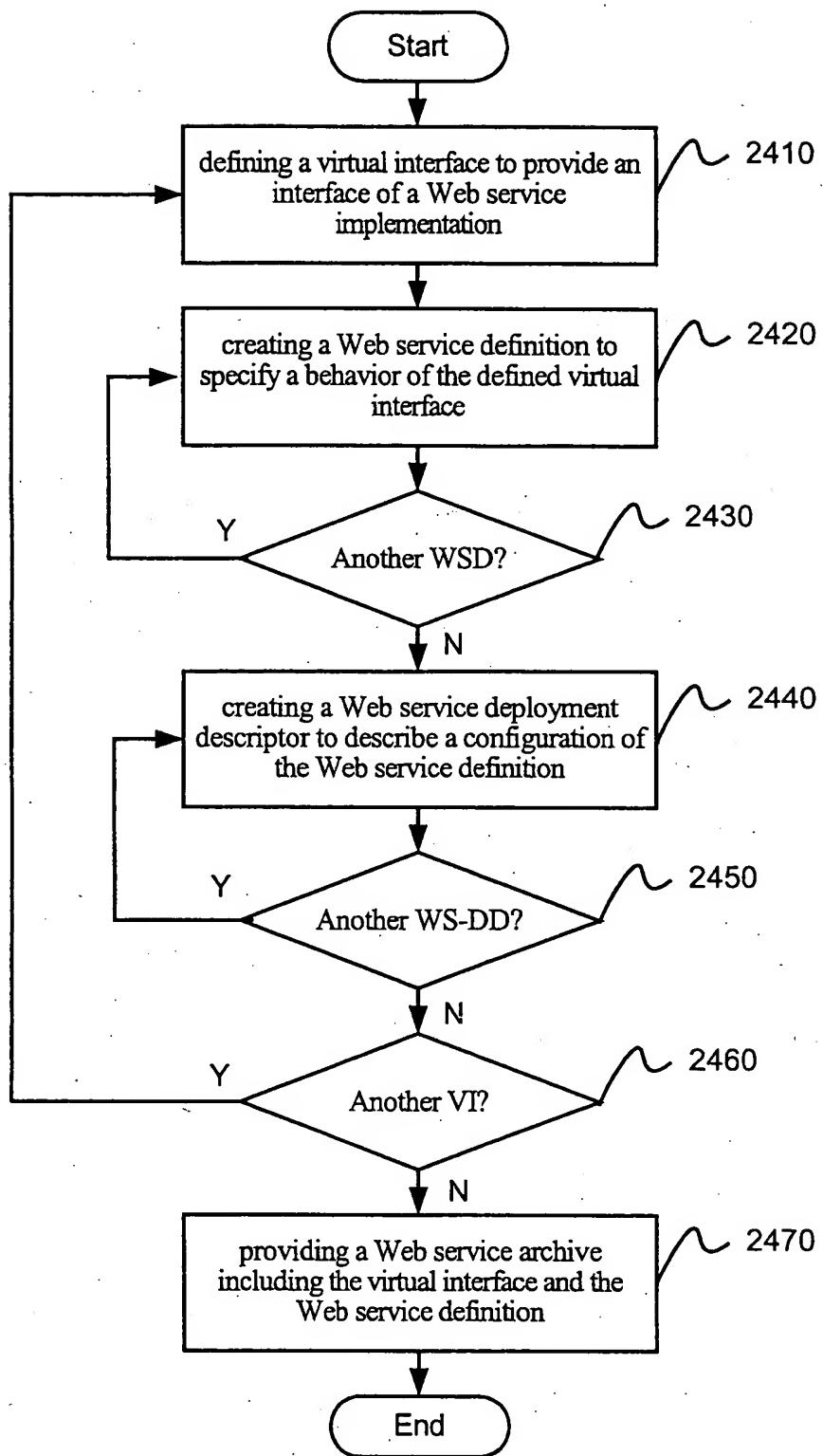


FIG. 24

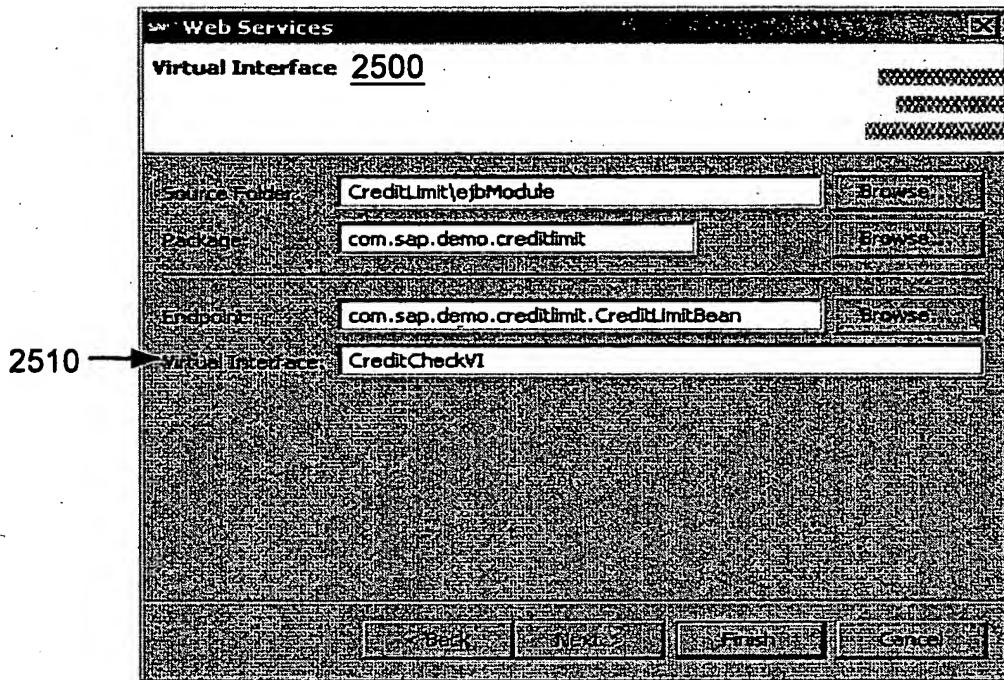


FIG. 25A

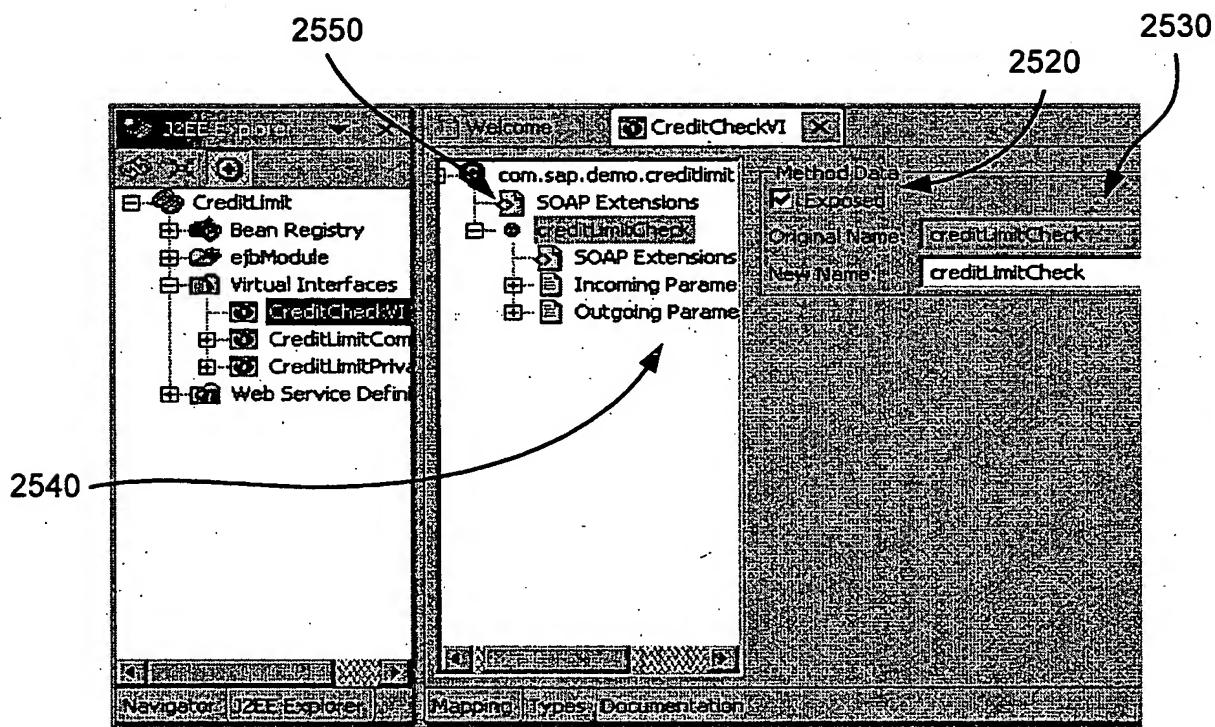


FIG. 25B

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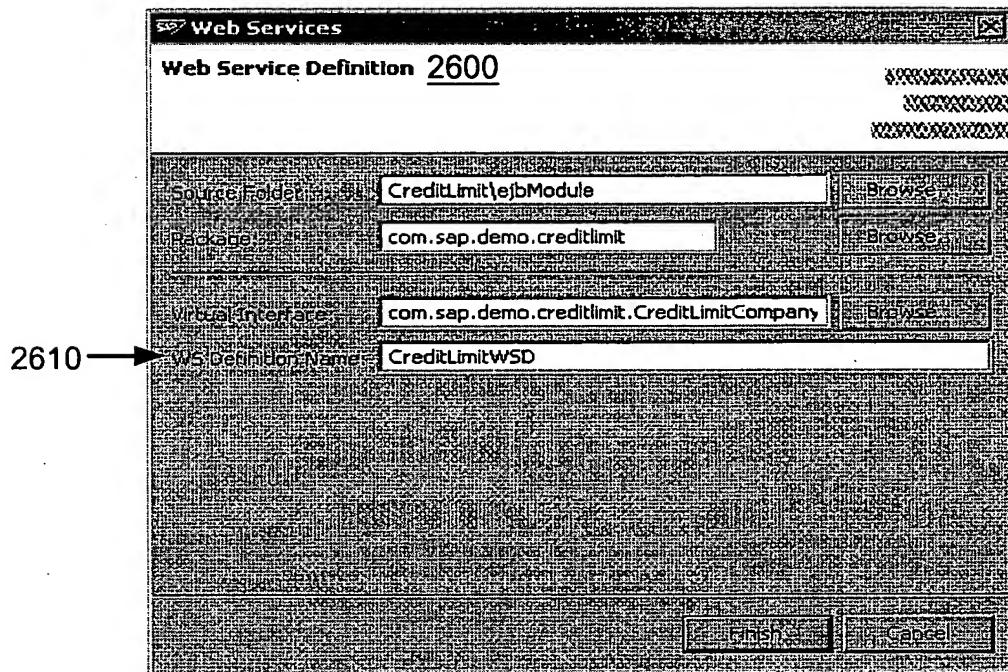


FIG. 26A

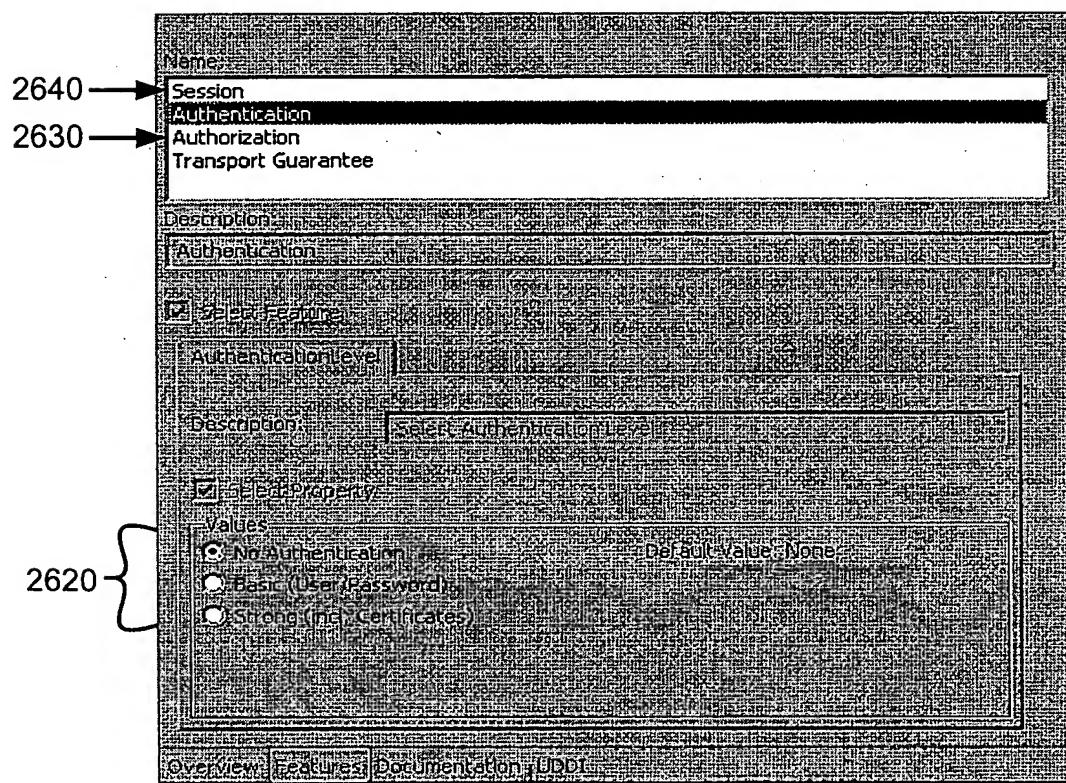
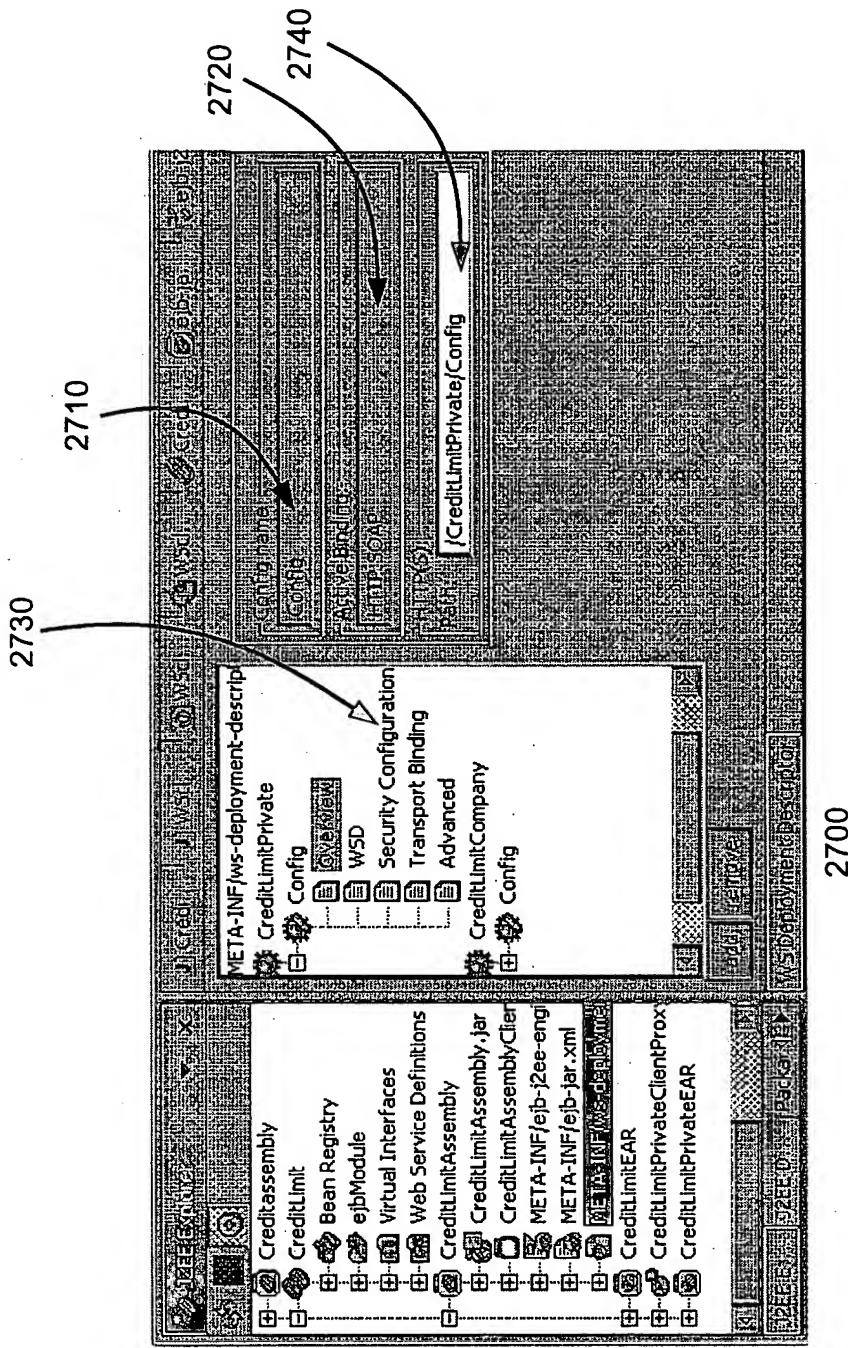


FIG. 26B

BEST AVAILABLE COPY

BEST AVAILABLE COPY

FIG. 27



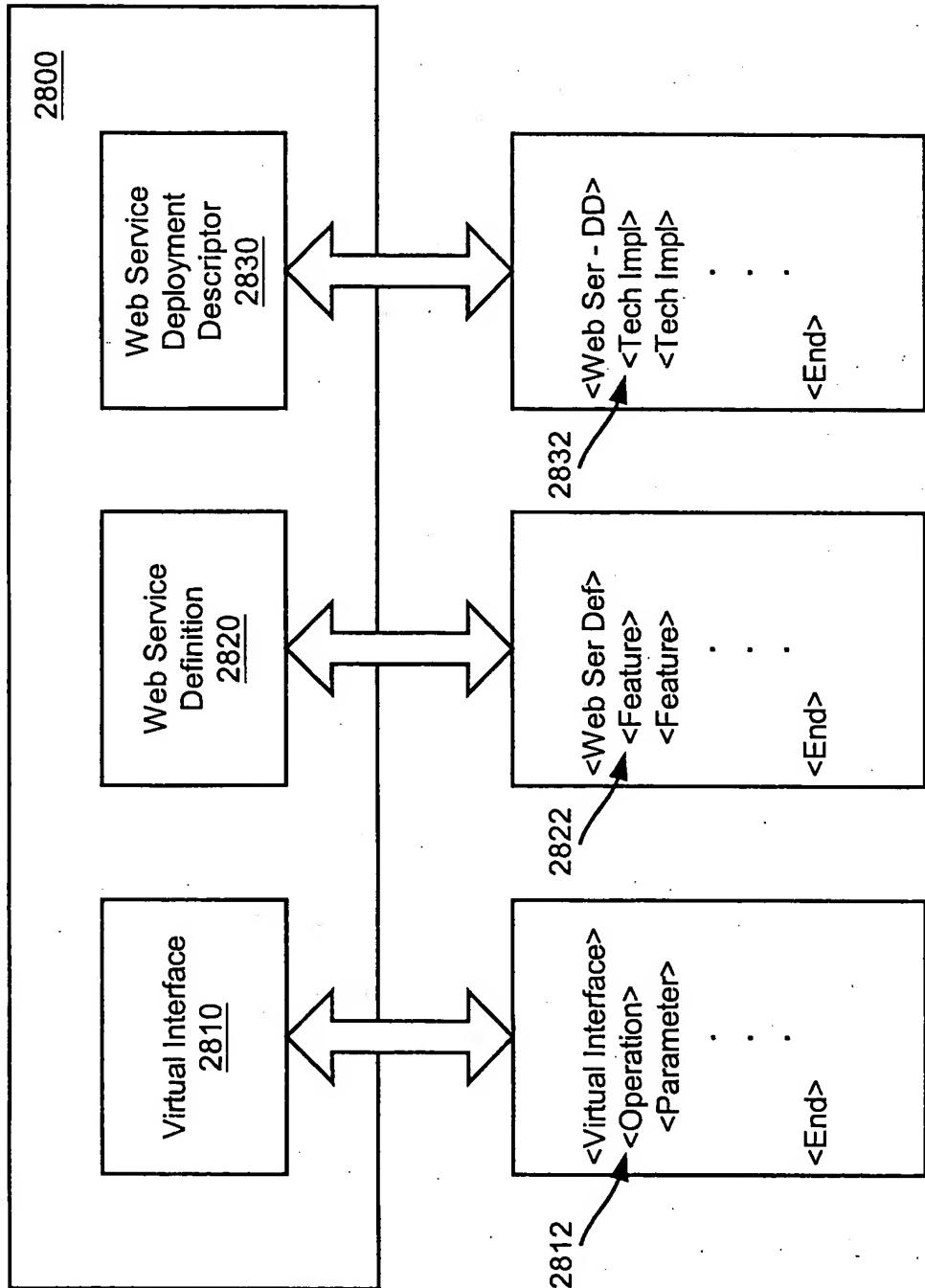
2700

2720
2740

2710

2730

FIG. 28



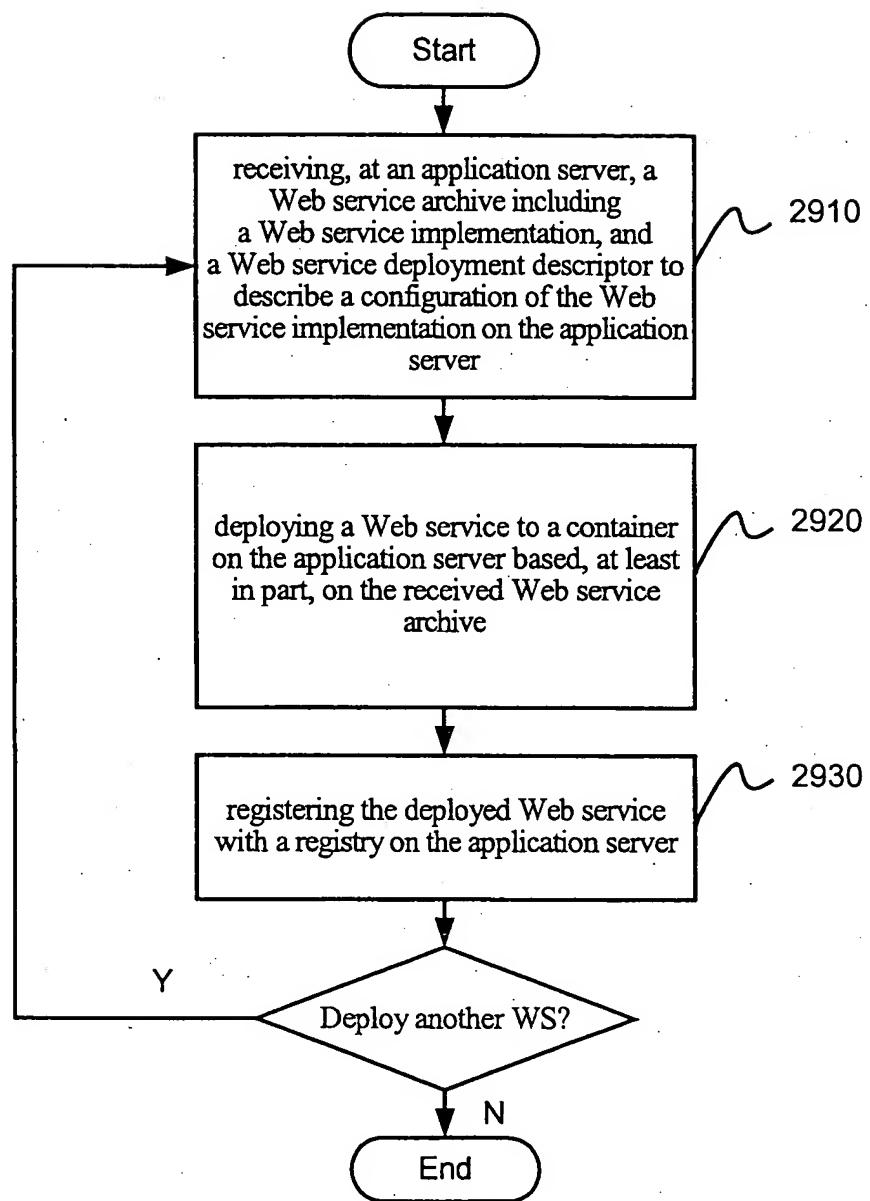
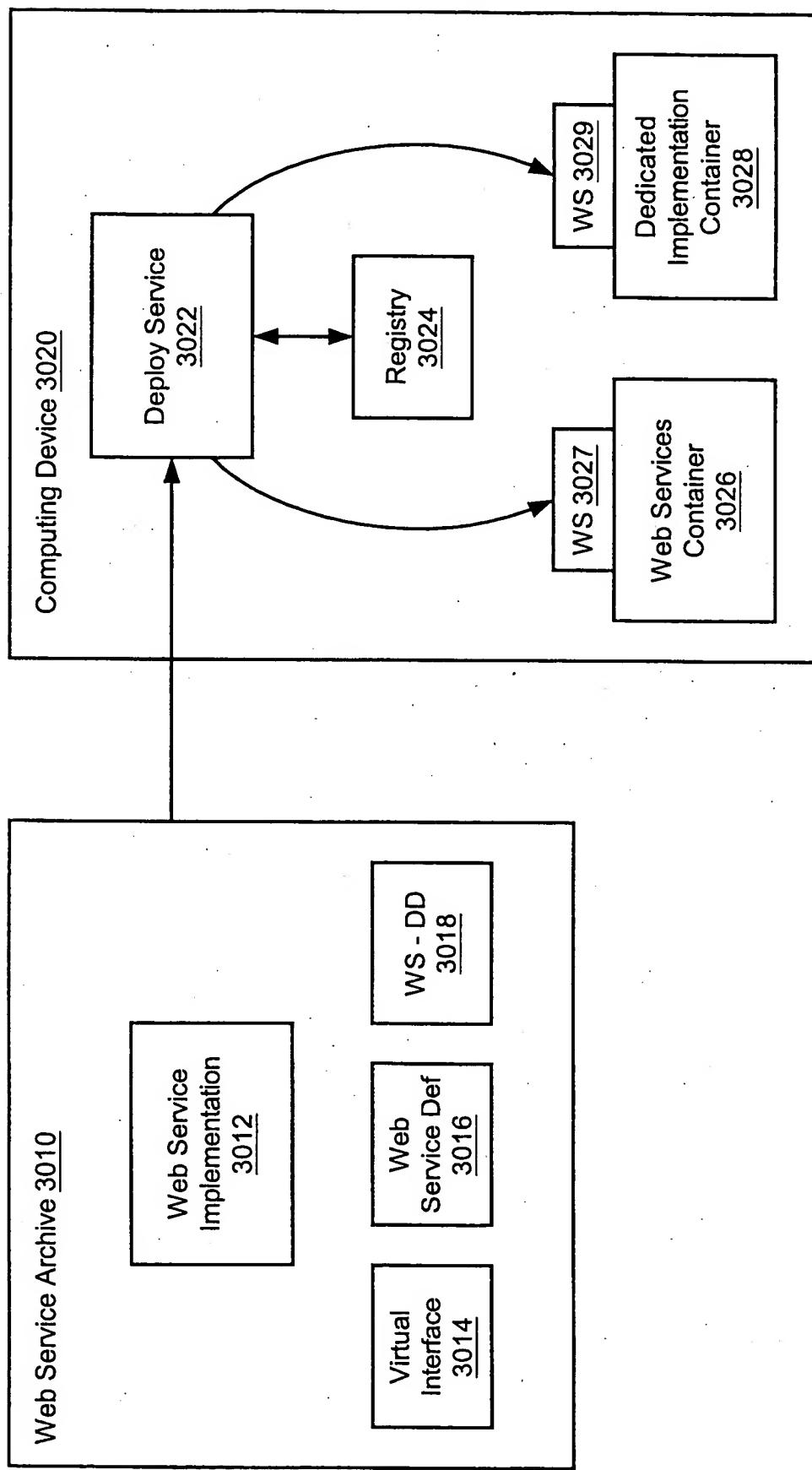


FIG. 29

FIG. 30



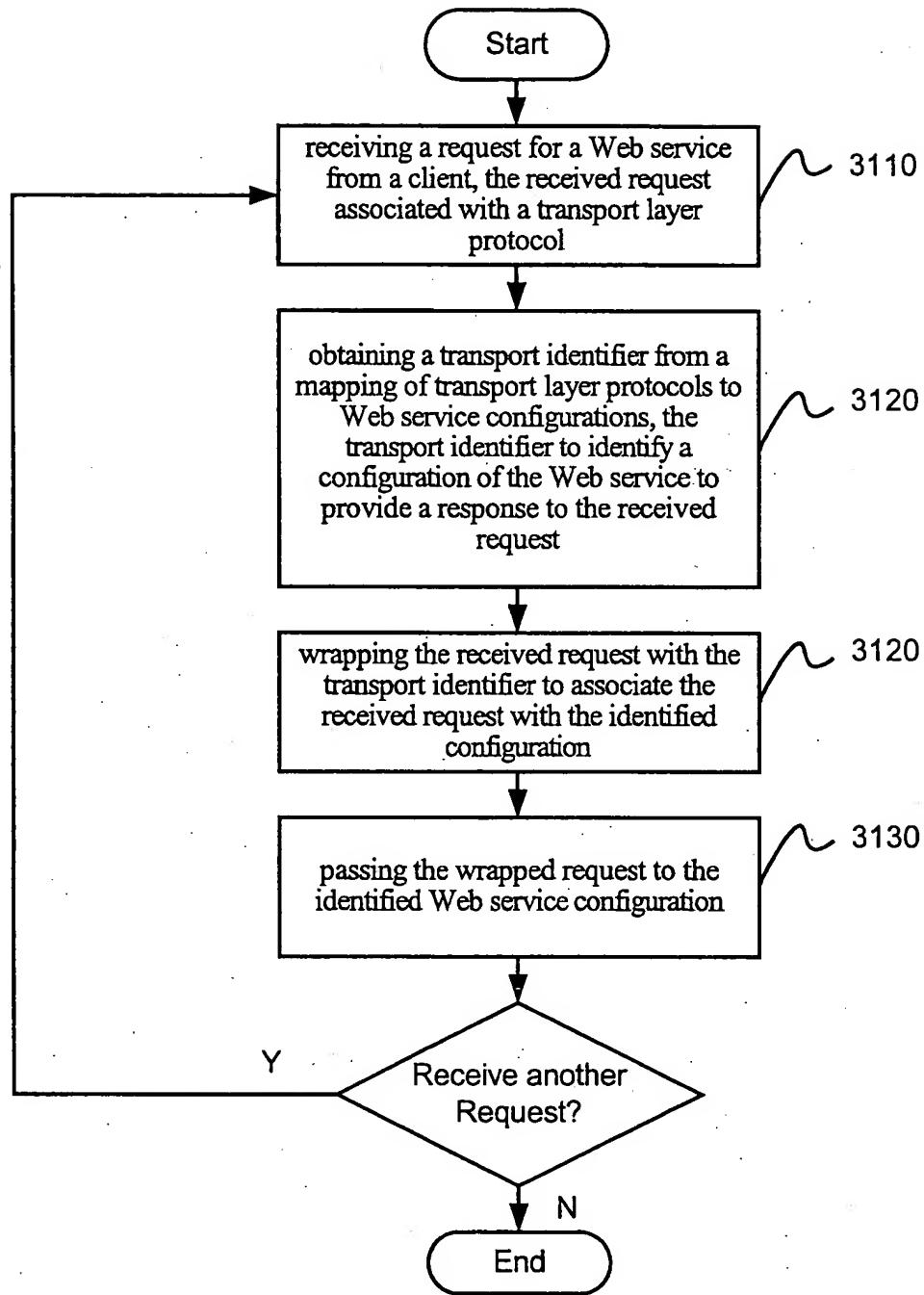


FIG. 31

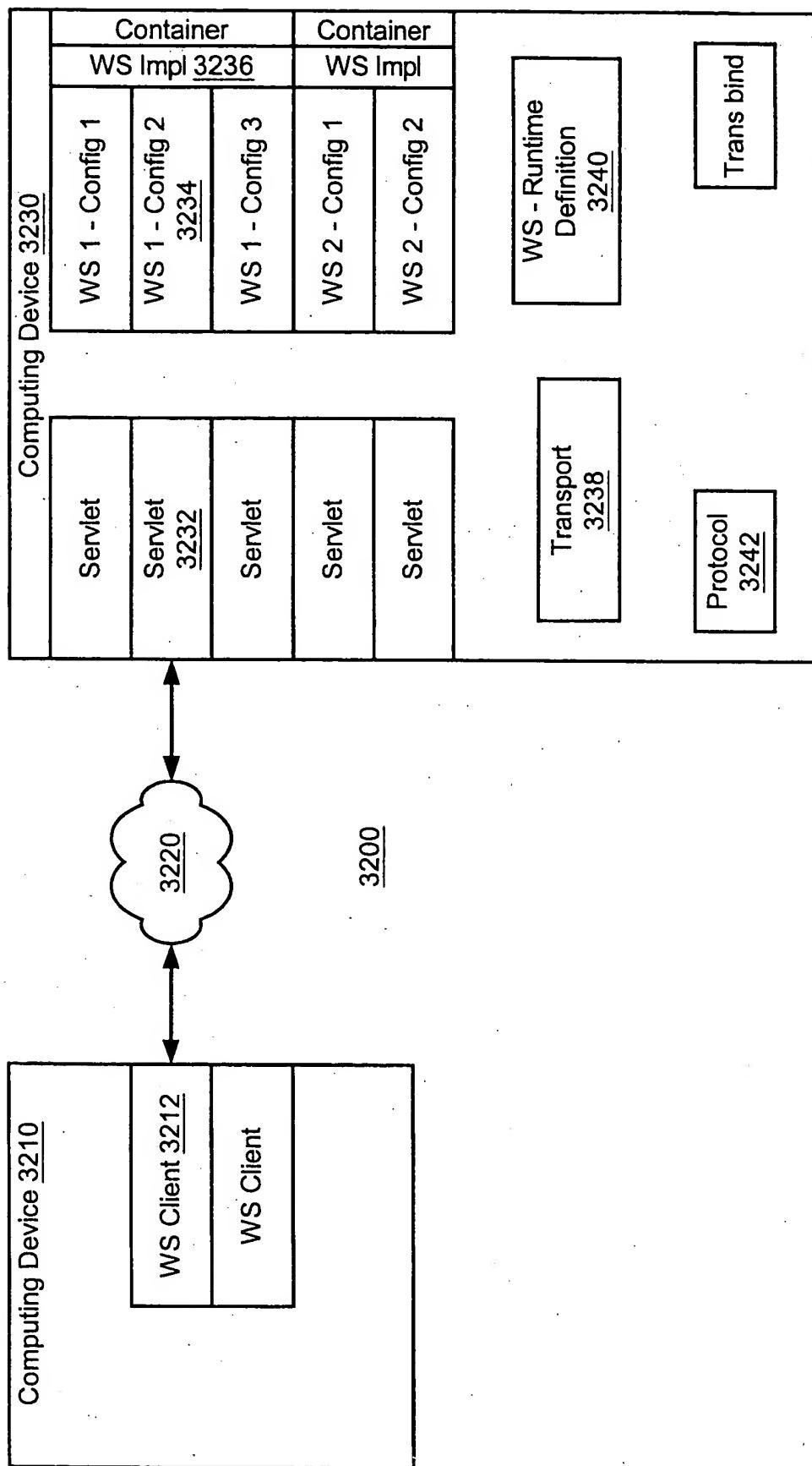


FIG. 32

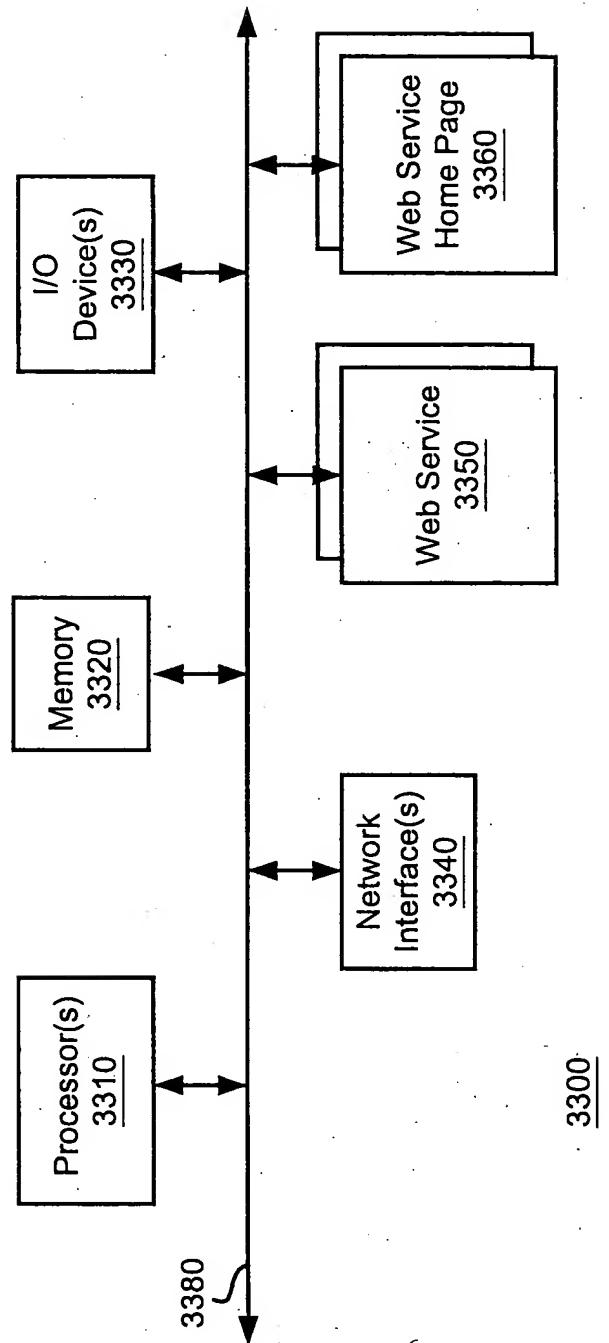


FIG. 3.3